

HT-00-026B



December 15, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
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Subject: | Serial No. 10/674,572 09/30/03 |  
Cheng T. Horng et al.  
SPIN VALVE HEAD HAVING LEAD OVERLAY  
| ----- |

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on December 19, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

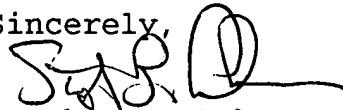
 12/19/03

U.S. Patent 5,966,273 to Matsumoto et al., "Magneto-resistive Thin Film Head," discusses a lead process.

U.S. Patent 5,491,600 to Chen et al., "Multi-Layer Conductor Leads in a Magnetoresistive Head," discusses a multi-layered lead and associated process.

The following three U.S. Patents all disclose lead lift off processes:

- 1) U.S. Patent 5,985,162 to Han et al., "Method for Forming Soft Adjacent Layer (SAL) Magnetoresistive (MR) Sensor Element with Electrically Insulated Soft Adjacent Layer (SAL)."
- 2) U.S. Patent 6,103,136 to Han et al., "Method for Forming a Soft Adjacent Layer (SAL) Magnetoresistive (MR) Sensor Element with Transversely Magnetically Biased Soft Adjacent Layer (SAL)."
- 3) U.S. Patent 6,007,731 to Han et al., "Soft Adjacent Layer (SAL) Magnetoresistive (MR) Sensor Element with Electrically Insulated Soft Adjacent Layer (SAL)."

Sincerely,  
  
Stephen B. Ackerman,  
Reg. No. 37761



Lot 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Document Number (Specimen)

HT-00-026 B

Application Number

10/674,572

Applicant

Cheng T. Horng et al.

Filing Date

09/30/03

Group Article

U. S. PATENT DOCUMENTS

OWNER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5966273	10/12/99	Matsumoto et al.	360	113	1/26/94
	5491600	2/13/96	Chen et al.	360	113	5/4/94
	5985162	11/16/99	Han et al.	216	22	3/5/97
	6103136	8/15/00	Han et al.	216	22	3/23/98
	6007731	12/28/99	Han et al.	216	22	3/23/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.